



**P/N 16566HKR (header back) & 16666HKR (manifold back)
1979-1993 Mustang / Capri (GT or LX)
HOOKER COMPETITION EXHAUST SYSTEMS**

NOTES:

1. P/N 16566HKR is a universal header-back exhaust system for 1979-93 Mustangs with small block V8s. Some modifications may be required for this system to fit with your headers. See the Hooker catalog or visit www.ilovemyhookerheaders.com for a complete line of components and accessories to complete your installation.
2. Mufflers are not supplied with this exhaust system. Hooker Headers has designed this kit in conjunction with Hooker Turbo Muffler 21005HKR, 21105HKR, or any equivalent 2 1/4" ID inlet by 2 1/4" ID outlet single OEM muffler.
3. 1979-85 models require the use of 86 or later double hump crossmember.

BEFORE STARTING:

Your vehicle must be raised a minimum of 36 inches. A floor hoist is ideal. If no hoist is available, we strongly urge the use of axle stands as a safety measure. **CAUTION! Your car should NOT be supported on a bumper jack!** We recommend welding all pipe slip joints (headpipe to muffler, etc.). If no welding equipment is available at the time of installation, use the furnished clamps to secure the pipes until they can be welded.

INSTALLATION PROCEDURE – PLEASE READ CAREFULLY:

1. Remove the existing headpipe crossover and the single exhaust system.
2. If your vehicle is equipped with a bracket between the transmission mount and transmission, it will have to be removed.
3. Install the right side header extension using the 2 1/2" u-clamp provided or stock manifold headpipe using the flanges provided. If your car is equipped with cast iron manifolds (1979-84 models), insert the provided headpipe adapters into the headpipes, as shown in Figure B.

NOTE: Due to variance from Ford in bolt spacing and manifold stud length on cast iron manifolds (1979-84 models), it may be necessary to slot holes in provided flanges and obtain longer studs for proper fit.

4. Install the left side headpipe. On 1979-85 models, use HP-1 L/S and install around the crossmember. On 1986-90 models, use the HP-2 L/S and install under the hump in the crossmember.

NOTE: For additional ground clearance on 1982-85 models, the 1986-90 model "double hump" transmission crossmember can be retrofitted and the late model headpipe (HP-2 L/S) used. See Figure A.

5. Install the headpipe extension using 2 1/4" u-clamps. See Figure A.
6. Install the muffler. See Figure A.
7. Install the tailpipes. See Figure A.
8. Install the tailpipe extensions using 2 1/4" u-clamps. See Figure A.
9. Install 90° bracket and rubber hanger above the muffler outlets and secure to muffler with 2 1/4" u-clamp.
10. Insert rubber grommet provided into hole on welded hanger on tailpipes and bolt in original hanger location. NOTE: For a factory appearing tailpipe, angle cut the ends and have the pipe chrome plated.
11. Make sure that all the parts of the system are clear of frame members, all hoses, suspension, and brake lines. Starting at the headpipes on the headers, tighten all the connections, making sure all the parts are clear and will not leak or rattle.

NOTE: Check the speedometer cable clearance on headpipes (5 speed models) at the crossmember. Use quick ties (if necessary) for clearance.

12. Start the engine and check for leaks. Be sure that all brake lines, fuel lines, and electrical wires have sufficient clearance. Reroute as necessary.
13. When finished, give your car a test drive, checking carefully for any new noises. After several days of driving, retighten all the bolts.

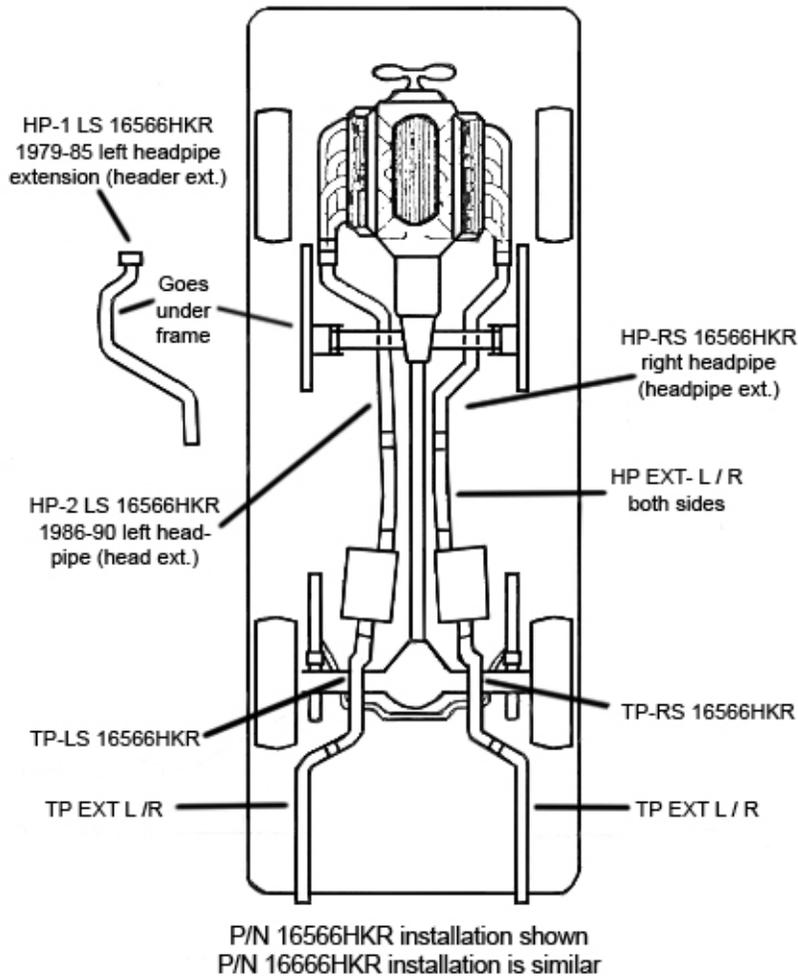


Figure A

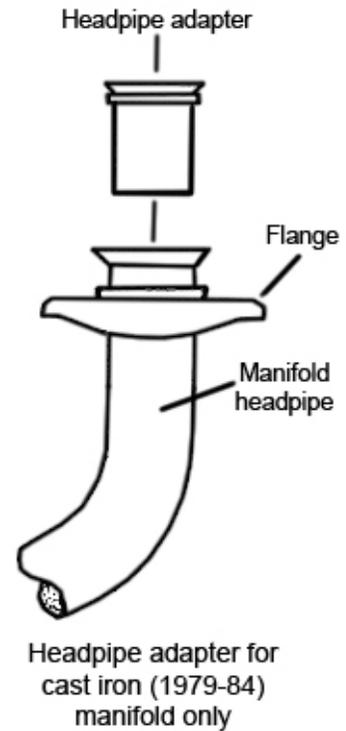


Figure B

LIMITATION OF LIABILITY – DISCLAIMER

The regulation of emissions production, noise levels, and safety standards is undertaken by the federal government, each of the fifty state legislatures, and by many local municipalities, towns, and counties. HOOKER Industries makes no warranties of merchantability, of fitness for particular purpose, or that its products are approved for general use, or that its products comply with laws, regulations, or ordinances in the states where they may be sold to the ultimate purchaser, the consumer. Unless expressly stated to the contrary in the catalog, instruction sheet, or price list, the entire risk as to the conformity of any company product in any such state and as to repair should the product prove to be defective or nonconforming, is on the retail purchaser, the buyer, the ultimate consumer, of such product and it is not upon the seller, distributor, or manufacturer. In this connection, the retail purchaser, the buyer, the ultimate consumer assumes the burden of the entire cost of any and all necessary service, alterations, or repair.

The foregoing statement limits the liability of the manufacturer.

California vehicle code sections 27156 and 38391 prohibit the advertising, offering for sale, or installation of any device, which modifies a vehicle's emission control system unless exempted. Unless otherwise noted, HOOKER HEADERS have not received an exemption from these code sections and are not legal for sale or use in California on vehicles originally equipped with catalytic converters. It is illegal, except for racing vehicles, which may never be driven upon a highway, to remove or otherwise render inoperative any emission control device on regulated motor vehicles. Check catalog listings to ensure proper application. In the other 49 states, unless otherwise noted, HOOKER HEADERS are not legal for pollution controlled motor vehicles, except for racing vehicles, which may never be used upon a highway and are not intended or applicable for highway use.

HOOKER TECHNICAL SUPPORT
Toll-Free Phone: 1-866-GOHOLLEY
Phone: 1-270-781-9741
Fax: 1-270-781-9772

For online help, please refer to the Tech Service section of our website: www.holley.com

16566HKR & 16666HKR
Date: 2-8-06